A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended July 20, 1984 NO. 29

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 07/20/84	Last Week Ending: 07/13/84	Last Year Week Ending: 07/22/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,368	12,262	12,676	106	-308
Operable capacity	16,074	16,074	16,294	0	-220
Percent operated	76.9	76.3	77.8		
Motor Gasoline					
Total motor gasoline production	6,555	6,438	6,862	117	-307
Finished leaded motor gasoline production	2,679	2,572	3,054	107	-375
Finished unleaded motor gasoline production	3,876	3,866	3,808	10	68
Total motor gasoline stocks	241,380	245,925	223,193	-4,545	18,187
Finished leaded motor gasoline stocks	93,306	94,984	97,239	-1,678	-3,933
Finished unleaded motor gasoline stocks	108,527	110,425	87,604	-1,898	20,923
Distillate Fuel Oil					
Distillate fuel oil production	2,693	2,716	2,498	-23	195
Distillate fuel oil stocks	123,518	119,083	124,896	4,435	-1,378
Residual Fuel Oil					
Residual fuel oil production	766	762	830	4	-64
Residual fuel oil stocks	50,435	51,841	49,262	-1,406	1,173
Imports					
Crude oil imports	4,014	3,509	3,903	505	111
Product imports	1,608	2,047	1,611	-439	-3
Crude Oil Stocks					
Crude oil stocks	360,081	355,089	345,239	4,992	14,842

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,230	1,084	1,098	1,405	78.1
Appal. No. 1	92	92	92	115	80.0
DISTRICT 1 TOTAL	1,322	1,176	1,190	1,520	78.3
Appal. No. 2	65	61	61	66	92.4
Ind., Ill., Ky.	2,017	1,945	1,971	2,309	85.4
Minn., Wis., Daks.	294	285	292	303	96.4
Okla., Kans., Mo.	737	645	657	755	87.0
DISTRICT 2 TOTAL	3,113	2,936	2,981	3,433	86.8
Inland Texas	522	510	522	615	84.9
Texas Gulf Coast	2,972	2,805	2,883	3,837	75.1
La. Gulf Coast	1,999	1,814	1,854	2,562	72.4
N. La. and Ark.	192	179	180	302	59.6
New Mexico	91	83	86	114	75.4
DISTRICT 3 TOTAL	5,776	5,391	5,525	7,430	74.4
DISTRICT 4 TOTAL	447	446	448	537	83.4
DISTRICT 5 TOTAL	2,241	2,206	2,224	3,154	70.5
TOTAL U.S.	12,899	12,155	12,368	16,074	76.9
TOTAL U.S.					
Weeks Ended:					
JUL. 13, 1984	13,010	12,111	12,262	16,074	76.3
JUL. 22, 1983	13,219	12,369	12,676	16,294	77.8
DISTRICTS 1-4					
Weeks Ended:					
JUL. 20, 1984	10,658	9,949	10,144	12,920	78.5
JUL. 13, 1984	10,585	9,839	9,980	12,920	77.2
JUL. 22, 1983	10,848	10,033	10,301	13,234	77.8

API WEEKLY STATISTICAL BULLETIN
Week Ended July 20, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	591	181	410	13	35	251	113
Appal. No. 1	34	15	19	1	--	27	1
DISTRICT 1 TOTAL	625	196	429	14	35	278	114
Appal. No. 2	35	18	17	4	--	14	2
Ind., Ill., Ky.	1,150	462	688	15	115	451	29
Minn., Wis., Daks.	159	91	68	5	16	68	9
Okla., Kans., Mo.	424	259	165	17	27	220	11
DISTRICT 2 TOTAL	1,768	830	938	41	158	753	51
Inland Texas	306	136	170	25	34	139	29
Texas Gulf Coast	1,480	489	991	31	233	517	189
La. Gulf Coast	1,003	423	580	24	210	398	64
N. La. and Ark.	65	21	44	3	--	60	6
New Mexico	35	15	20	16	6	25	--
DISTRICT 3 TOTAL	2,889	1,084	1,805	99	483	1,139	288
DISTRICT 4 TOTAL	234	135	99	16	28	118	14
DISTRICT 5 TOTAL	1,039	434	605	71	281	405	299
TOTAL U.S.	6,555	2,679	3,876	241	985	2,693	766
TOTAL U.S. Weeks Ended:							
JUL. 13, 1984	6,438	2,572	3,866	268	890	2,716	762
JUL. 22, 1983	6,862	3,054	3,808	263	848	2,498	830
DISTRICTS 1-4 Weeks Ended:							
JUL. 20, 1984	5,516	2,245	3,271	170	704	2,288	467
JUL. 13, 1984	5,349	2,137	3,212	188	628	2,331	408
JUL. 22, 1983	5,852	2,598	3,254	215	605	2,086	567

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	5,623	2,506	3,116	1	112	631	6,004*	1,340	--
Central Atlantic	36,424*	13,172*	17,244*	6,008	377	3,817	25,198*	20,470*	13,875
Lower Atlantic	29,037	11,808	16,994	235	372	3,853	13,662	4,054	359
DISTRICT 1 TOTAL	71,084*	27,486*	37,354*	6,244	861	8,301	44,864*	25,864*	14,234
DISTRICT 2 TOTAL	66,150*	30,064*	29,336*	6,750	1,494	9,515	34,656*	3,454	16,613
DISTRICT 3 TOTAL	67,329	22,149	28,411	16,769	2,526	11,342	28,403	10,250	47,503
DISTRICT 4 TOTAL	7,314	3,350	2,167	2,297	373	888	3,473	447	2,783
DISTRICT 5 TOTAL	29,003*	10,257*	11,259*	7,487	2,161	5,865	12,122	10,220	25,675
TOTAL U.S.	241,380	93,306	108,527	39,547	7,415	35,911	123,518	50,435	106,808
TOTAL U.S.									
Weeks Ended:									
JUL. 13, 1984	245,925*	94,984*	110,425*	40,516	6,953	34,805	119,083*	51,841*	108,119
JUL. 22, 1983	223,193	97,239	87,604	38,350	6,989	35,065	124,896	49,262	105,916
DISTRICTS 1-4									
Weeks Ended:									
JUL. 20, 1984	212,377	83,049	97,268	32,060	5,254	30,046	111,396	40,215	81,133
JUL. 13, 1984	215,479*	84,760*	98,358*	32,361	5,231	28,723	107,195*	41,825*	82,405
JUL. 22, 1983	195,204	87,484	77,205	30,515	5,258	28,389	113,458	41,051	80,447

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended July 20, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Feb. 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
JUL. 20, 1984	5,925.4	6,021.0	3,816	284	276,672
JUL. 13, 1984	5,925.4	--	3,360	237	270,604*
JUL. 6, 1984	5,917.9	--	3,252	248	266,407
JUN. 29, 1984	5,917.9	--	3,339	358	273,229
DISTRICT 5 TOTAL					
JUL. 20, 1984	2,822.5	2,866.0	198	7	83,409 ‡
JUL. 13, 1984	2,822.5	--	149	22	84,485*
JUL. 6, 1984	2,770.7	--	155	--	85,105
JUN. 29, 1984	2,770.7	--	335	--	84,752
TOTAL U.S.					
JUL. 20, 1984	8,747.9	8,887.0	4,014	291	360,081 ‡
JUL. 13, 1984	8,747.9	--	3,509	259	355,089*
JUL. 6, 1984	8,688.6	--	3,407	248	351,512
JUN. 29, 1984	8,688.6	--	3,674	358	357,981
JUL. 22, 1983	8,636.0/a	--	3,903	349	345,239

‡INCLUDES 26,010 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a DOE Actual for July 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
JUL. 20, 1984	16,364	77,988	168,902	13,418	276,672	83,409 ‡	360,081 ‡
JUL. 13, 1984	14,897	77,640*	164,497*	13,570	270,604*	84,485*	355,089*
JUL. 22, 1983	16,412	77,189	157,206	13,516	264,323	80,916	345,239

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended July 20, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	87	--	--	--	87
Central Atlantic	223	119	104	--	15	205	421	5	55	23	947
Lower Atlantic	--	--	--	--	--	34	40	--	--	--	571
DISTRICT 1 TOTAL											
JUL. 20, 1984	223	119	104	--	15	239	548	5	55	23	1,108
JUL. 13, 1984	204	77	127	25	15	166	629	30	134	134	1,337
JUL. 6, 1984	237	124	113	--	25	193	777	7	14	102	1,355
JUN. 29, 1984	215	121	94	--	10	188	698	7	56	146	1,320
DISTRICTS 2-4 TOTAL											
JUL. 20, 1984	19	15	4	--	--	15	54	126	145	25	384
JUL. 13, 1984	18	15	3	--	--	76	96	118	185	125	618
JUL. 6, 1984	10	8	2	--	--	35	60	133	182	39	459
JUN. 29, 1984	10	8	2	--	--	49	89	222	232	123	725
DISTRICT 5 TOTAL											
JUL. 20, 1984	15	5	10	--	4	5	18	12	19	43	116
JUL. 13, 1984	15	5	10	--	4	5	17	13	18	20	92
JUL. 6, 1984	12	4	8	--	4	6	19	12	95	148	296
JUN. 29, 1984	15	6	9	--	8	5	20	10	14	24	96
TOTAL U.S.	257	139	118	--	19	259	620	143	219	91	1,608
TOTAL U.S. Weeks Ended:											
JUL. 13, 1984	237	97	140	25	19	247	742	161	337	279	2,047
JUL. 6, 1984	259	136	123	--	29	234	856	152	291	289	2,110
JUN. 29, 1984	240	135	105	--	18	242	807	239	302	293	2,141
JUL. 22, 1983	228	123	105	--	4	235	603	125	244	172	1,611

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

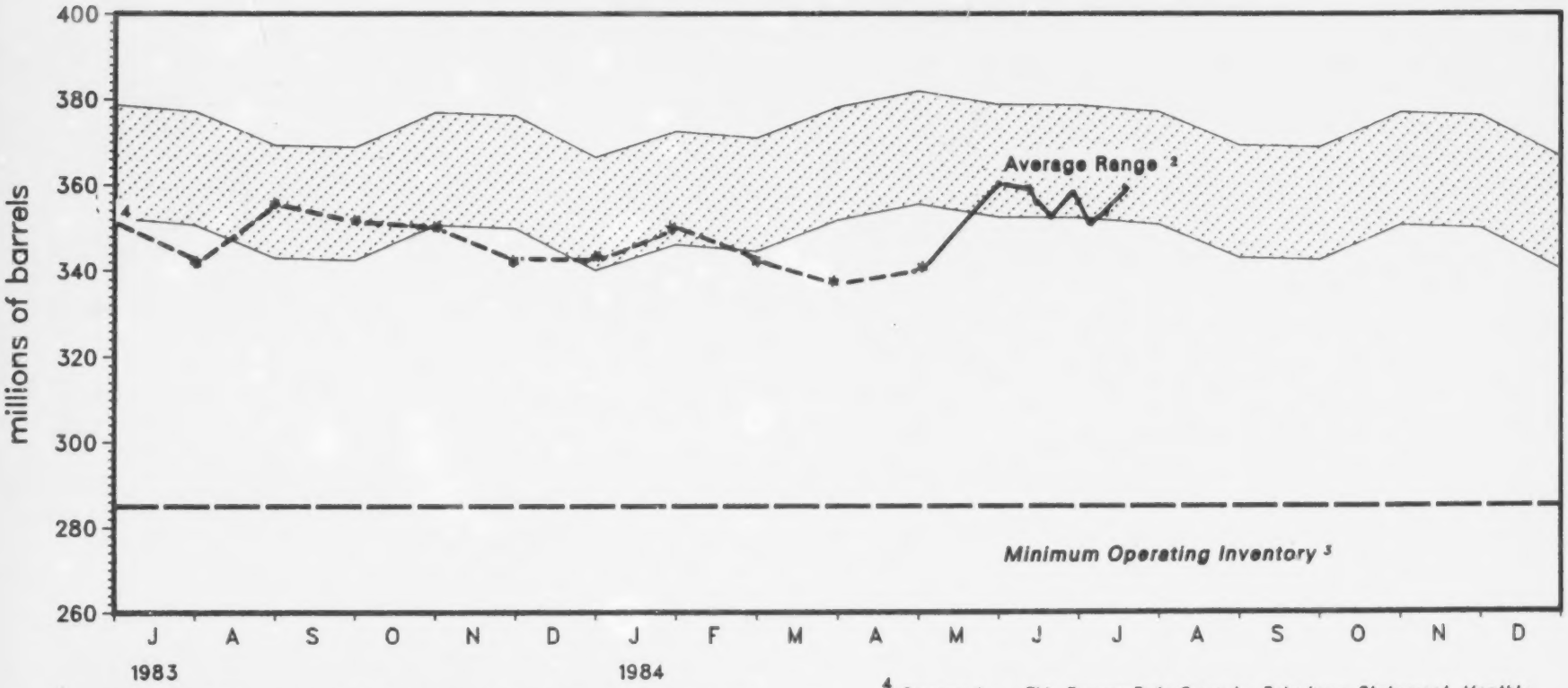
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: JUL. 20, 1984

REVISIONS

07/13/84	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	37,102
			DISTRICT 1 TOTAL	72,709
			DISTRICT 2 TOTAL	65,714
			DISTRICT 5 TOTAL	30,446
			TOTAL U.S.	245,925
			DISTRICTS 1-4	215,479
		LEADED MGAS	CENTRAL ATLANTIC	13,720
			DISTRICT 1 TOTAL	28,617
			DISTRICT 2 TOTAL	29,397
			DISTRICT 5 TOTAL	10,224
			TOTAL U.S.	94,984
			DISTRICTS 1-4	84,760
		UNLEADED MGAS	CENTRAL ATLANTIC	17,909
			DISTRICT 1 TOTAL	38,381
			DISTRICT 2 TOTAL	29,714
			DISTRICT 5 TOTAL	12,067
			TOTAL U.S.	110,425
			DISTRICTS 1-4	98,358
		DISTILLATE FUEL	NEW ENGLAND	6,049
			CENTRAL ATLANTIC	23,997
			DISTRICT 1 TOTAL	43,248
			DISTRICT 2 TOTAL	33,286
			TOTAL U.S.	119,083
			DISTRICTS 1-4	107,195
		RESIDUAL FUEL	CENTRAL ATLANTIC	21,236
			DISTRICT 1 TOTAL	27,157
			TOTAL U.S.	51,841
			DISTRICTS 1-4	41,825
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	270,604
			DISTRICT 5 TOTAL	84,485
			TOTAL U.S.	355,089

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

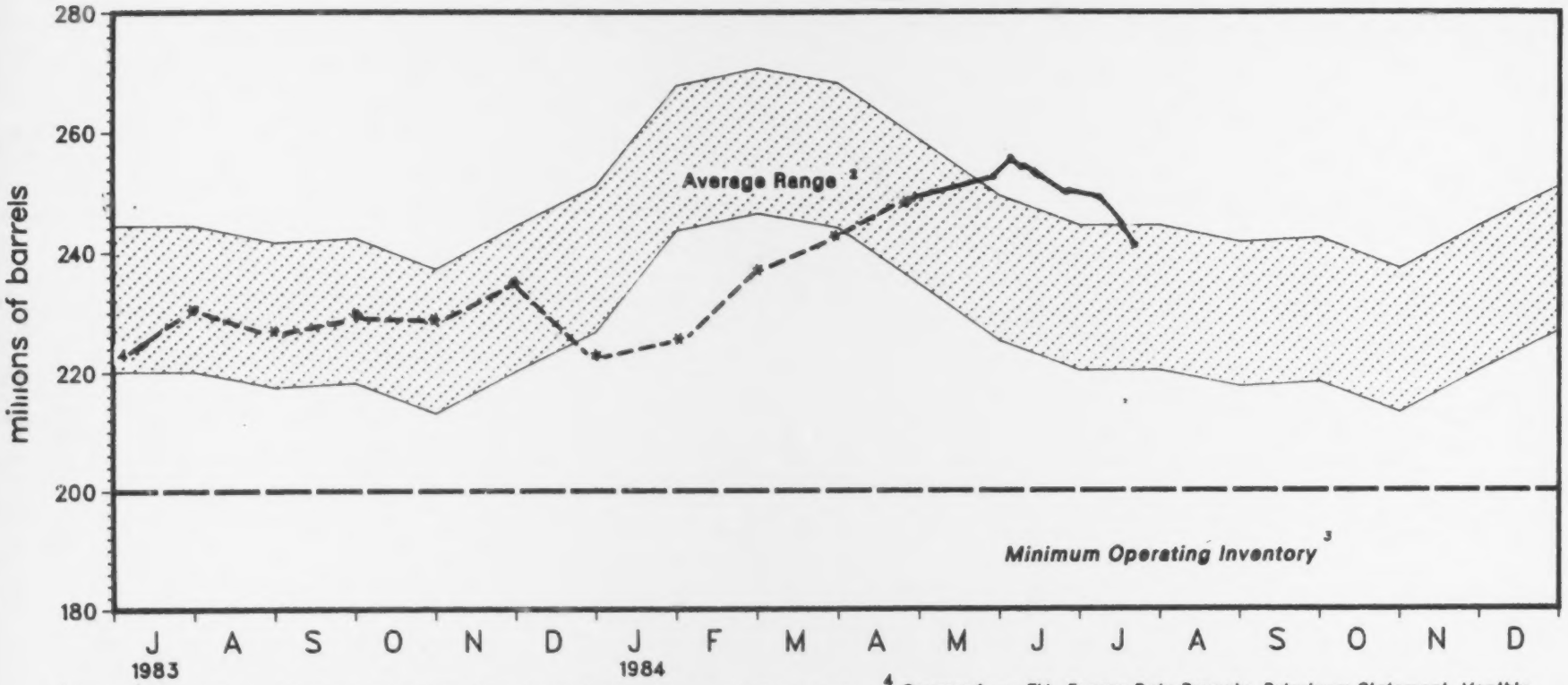
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

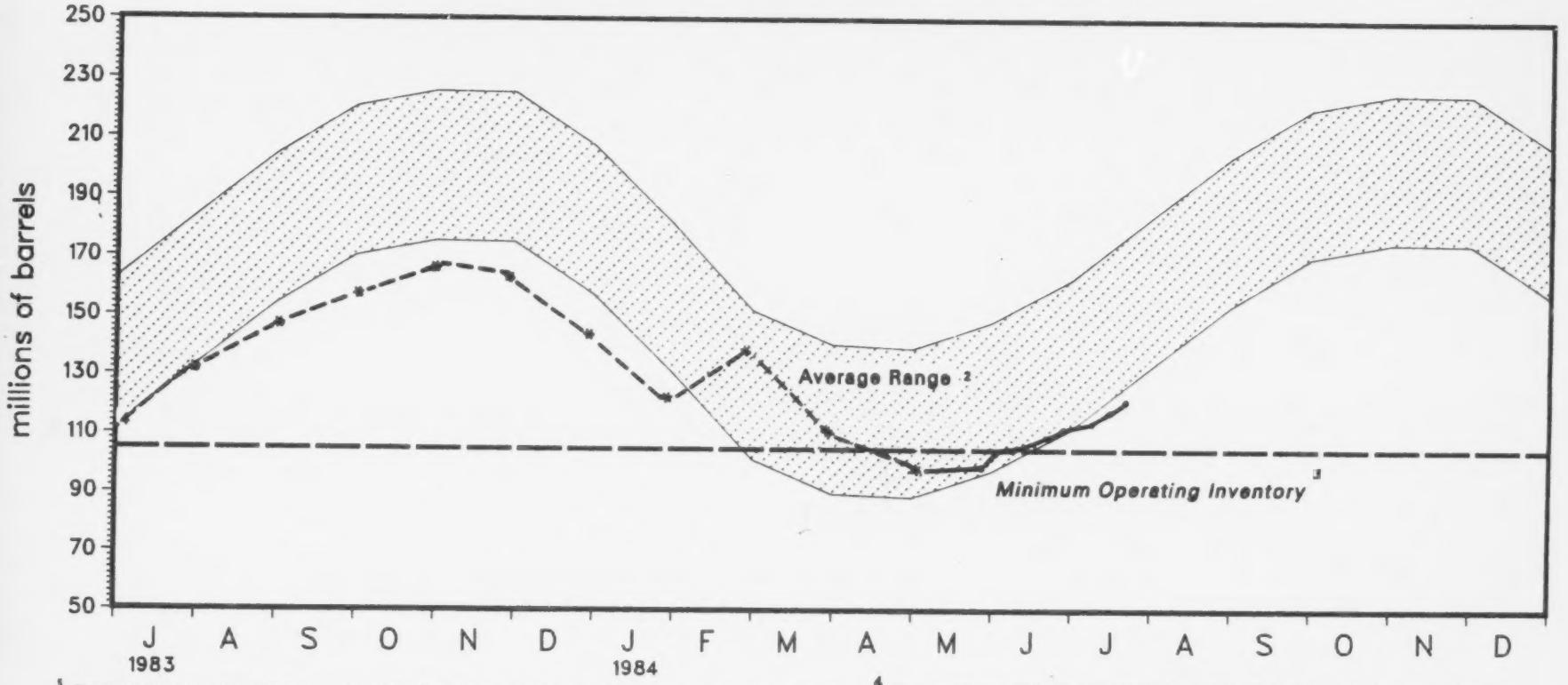
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• —— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*